

# بسم الله الرحمن الرحيم



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شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





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التوثيق الإلكتروني والميكروفيلم قسم

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B18909

## MULTIPLE-VALUED LOGIC OF TIED IMPLICATIONS AND ITS USE IN FUZZY LOGIC

BY

#### MOATAZ SALEH MOHAMED EL-ZEKEY

A Thesis Submitted to the Faculty of Engineering at Cairo University In Partial Fulfillment of the Requirements for the Degree of

#### DOCTOR OF PHILOSOPHY IN ENGINEERING MATHEMATICS

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Under the Supervision of

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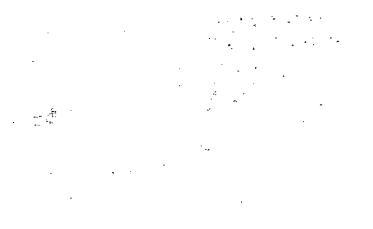
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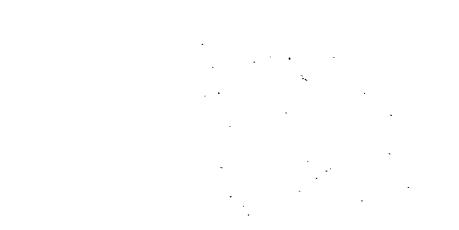
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